

AUTOMATED ENVIRONMENTAL ANALYTIC SYSTEM

WITH IMPROVED SAMPLE THROUGHPUT

ABSTRACT OF THE DISCLOSURE

5 A system for analyzing samples using purge
and trap concentration is provided. The system
includes a plurality of purge and trap concentration
units, each adapted to receive a sample and provide a
focused analytic sample slug to an analyzer. An
10 analyzer is coupled to each of the plurality of
concentrators and receives the focused analytic slugs
therefrom. The concentrators are operated in phases
from one another.